

**Water Quality Data of 9 (NINE) Polluted River
stretches in Mizoram
(OA - No. 673 of 2018)**

**JUNE
2019**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF JUNE, 2019

Sl. No.	Station Code	Name of Station	Location	Co-Ordinates			A. STATIONS DETAILS												
							Sampling Date	Sampling Time	Used Based Class	Major Polluting Sources	Visibility Effluent Discharge	Use of water in Down Stream (irrigation, industrial, domestic, drinking water source, organised water source, cultivation, fishing, bathing ghat, others)	Weather	Depth of Water Body (m)	Human activities (Bathing, Washing, Cultivation, Fishing, Boating, Gardening, Tourist spot, cattle wedding, others)	Floating matter	Colour	Odour	Flow (m/s)
				Longitude	Latitude	Elevation	1	2	3	4	5	6	7	8	9	10	11	12	13
1	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	25-06-2019	9.55		Domestic			Clear	1.1	Washing		Clear	Odourfree	1.1
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	13-06-2019	12.19		Agriculture			Clear	1.7	Sand collection		Light brown	Odourfree	0.3
	3734	Tlawng River, Upper Stream, Lunglei	Near Tlawng Bridge, Mausen Village, Lunglei District, Mizoram	92°49'15.0"E	22°51'21.2"N	1080m	11-06-2019	10.00		Agriculture			Clear	2	Fishing		Clear	Odour free	1.2
	3736	Tlawng River, Palthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	11-06-2019	11.00		Agriculture	Drinking Water Source		Clear	3.6	Fishing		Clear	Odour free	0.2
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	19-06-2019	2.30		Agriculture			Cloudy	3.8	Fishing		Dark brown	Odourfree	0.4
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	25-06-2019	2.12		Agriculture	Drinking Water Source		Clear	1.3			Clear	Odourfree	1
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	22-06-2019	12.25		Agriculture	Plantation, Kitchen Garden		Clear	0.5	Washing & Bathing		Clear	Odourless	1.5
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	03-06-2019	12.17		Domestic			Clear	1.2			Clear	Odourfree	0.3
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	10-06-2019	8.50		Agriculture			Clear	0.9	Fishing		Clear	Odour free	1
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	25-06-2019	10.20		Agriculture	Drinking Water Source		Clear	0.3			Clear	Odourfree	0.7
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	19-06-2019	12.20		Domestic			Clear	1.1			Light brown	Odourfree	0.3
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	18-06-2019	12.05		Agriculture			Cloudy	1.2	Fishing		Light brown	Odourfree	0.3
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	18-06-2019	12.25		Agriculture			Cloudy	1.3	Fishing		Light brown	Odourfree	0.2

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF JUNE YEAR 2019**

Sl.No	Station Code	B. CORE PARAMETERS								C. GENERAL PARAMETERS										
		Water Temp (°C)	D.O (mg/L)	pH	Conductivity µs/cm	B.O.D (mg/L)	Nitrogen Nitrite (N-NO ₂) (mg/L)	Faecal Coliform MPN	Total Coliform MPN	Turbidity NTU	Total Alkalinity (mg/L)	Chlorides (mg/L)	Ammonia-N (mg/L)	Total Hardness (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	K (mg/L)	TSS (mg/L)	Total Phosphate (mg/L)
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	3756	20	6.7	7.01		1.8	0.035			0.2	106.7	11.6	0.004	106	32	6.2	10.5			0.004
2	3709	29	5.2	7.59		1.7	0.328	0	75	1.3	71.1	25	0.585	70	19.2	5.3	22			0.13
	3734	22	8.1	7.19		1.7	0.069			0.1	17.8	8	0.091	10	2.4	1	28.5			0.038
	3736	22	7.2	7.03		1.3	0.053			0.2	28.9	14.3	0.536	26	7.2	1.9	30.5			0.003
	3754	18	5.9	7.6		1.1	0.067			1.2	26	9.1	0.293	34	8	3.4	11			0.035
3	3757	21	6.4	7.12		1.6	0.03			0.1	77.8	8.9	0.521	38	9.6	3.4	20			0.003
4	3720	25	8	7.7		1.4	0.174			0.2	15.6	7.4	1.747	30	8	2.4	21			0.988
5	3718	24	5.3	7.7		2.3	0.317	0	2400	0.3	133.3	75.9	1.724	130	40.8	6.7	22			0.034
6	3735	20	7.6	6.97		1.8	0.004			0.2	11.1	6.2	0.118	16	4	1.4	46			0.048
7	3740	21	6.8	7.45		1.8	0.078			0.2	52.4	7.8	0.146	70	17.7	4.8	25			0.098
8	3712	27	3.1	8.1		1.5	0.144	0	1100	1.5	35.6	17	0.342	44	10.4	4.3	36			0.198
9	2052	28	6.3	7.9		1.9	0.284	0	2400	0.8	95.6	8.9	2.56	90	24.8	6.7	22			0.296
	2053	28	6	8.12		2.1	0.341	0	2400	0.8	100	10	1.324	100	28.8	6.7	23			0.341